

ABSTRACT

The present invention is a receiver having a radio frequency (RF) front end, a pulse detector operatively coupled to the RF front end, and a data recovery unit

operatively coupled to the pulse detector. The data recovery unit is configured to

5 receive spread spectrum RF signals having different pulse repetition frequencies and using different modulation techniques. The receiver may operate in conjunction with a transmitter as a transceiver. The receiver may also operate in a networked

environment in which a network of transceiver node devices comprise a first slave

transceiver having a receiver configured to receive spread spectrum signals, and a

10 second slave transceiver configured to communicate with the first slave transceiver.

Additionally, a master transceiver is in communication with the first slave transceiver and the second slave transceiver. The master transceiver is configured to manage data

transmissions and synchronization between the first slave transceiver and the second slave transceiver.

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